

FreeNAS - Bug #26898

Don't require a reboot when entering a static IPv6 default route

11/28/2017 10:29 AM - Marc Haber

Status: Done	
Priority: No priority	
Assignee: Vladimir Vinogradenko	
Category: Middleware	
Target version: 11.2-BETA1	
Seen in: 11.0-U4	Needs Merging: No
Severity: New	Needs Automation: No
Reason for Closing:	Support Suite Ticket: n/a
Reason for Blocked:	Hardware Configuration:
Needs QA: No	ChangeLog Required: No
Needs Doc: No	
Description	
Hi,	
when I enter a static IPv6 default route (for example, because SLAAC doesn't work and there is no DHCPv6 client), the system loses the IPv4 default route that was learned via DHCP. After a reboot, everthing is fine.	
Greetings Marc	

Associated revisions

Revision 31e082fa - 03/24/2018 12:43 AM - Vladimir Vinogradenko

fix(network): Pick up DHCP route when there is no network interface configuration present using the same logic as in rc.conf.local

Ticket: #26898

Revision 2f152cf3 - 03/26/2018 11:26 AM - Vladimir Vinogradenko

fix(network): Pick up DHCP route when there is no network interface configuration present using the same logic as in rc.conf.local

Ticket: #26898

History

#1 - 11/28/2017 11:06 AM - Dru Lavigne

- Status changed from Unscreened to 15

- Assignee changed from Release Council to Vladimir Vinogradenko

Marc: can you recreate (before the reboot) and attach a debug (System -> Advanced -> Save Debug)?

#2 - 11/29/2017 01:23 AM - Marc Haber

Is there a way to create the debug log from the shell? Between the change and the reboot, the GUI is inaccessible.

#3 - 11/29/2017 05:08 AM - Dru Lavigne

Marc: run **freenas-debug -A** which will save the debug to `/var/tmp/fndebug`.

#4 - 11/29/2017 10:49 AM - Marc Haber

- File *debug.tar.gz* added

here we go.

#5 - 11/29/2017 11:28 AM - Dru Lavigne

- Status changed from *15* to *Screened*

- Private changed from *No* to *Yes*

#6 - 12/13/2017 10:35 AM - Dru Lavigne

- Target version set to *11.2-BETA1*

#7 - 01/24/2018 09:53 AM - Dru Lavigne

- Status changed from *Screened* to *Not Started*

- Target version changed from *11.2-BETA1* to *11.2-RC2*

#8 - 02/16/2018 09:16 AM - William Grzybowski

- Category changed from *GUI (new)* to *Middleware*

#9 - 03/27/2018 12:22 AM - Vladimir Vinogradenko

- Status changed from *Not Started* to *In Progress*

#10 - 03/27/2018 12:22 AM - Vladimir Vinogradenko

- Status changed from *In Progress* to *Done*

#11 - 03/27/2018 03:52 AM - Dru Lavigne

- Subject changed from *Entering a static IPv6 default route removes DHCP IPv4 default route until reboot* to *Don't require a reboot when entering a static IPv6 default route*

- Target version changed from *11.2-RC2* to *11.2-BETA1*

- Needs Doc changed from *Yes* to *No*

- Needs Merging changed from *Yes* to *No*

Master PR: <https://github.com/freenas/freenas/pull/1019>

#12 - 03/27/2018 03:52 AM - Dru Lavigne

- File *deleted (debug.tar.gz)*

#13 - 03/27/2018 03:53 AM - Dru Lavigne

- Private changed from *Yes* to *No*

#14 - 05/02/2018 05:39 AM - Dru Lavigne

- Status changed from *Done* to *Ready for Testing*

#15 - 06/18/2018 09:26 AM - Rishabh Chauhan

- File *ipv6default.png* added

- File *ipv6shell.png* added

- File *ipv6traceback.png* added

- Severity set to *New*

After discussing with Vladimir, we went through a few steps to reproduce and see if it is working. Since we don't have a way of obtaining a valid ipv6 default route at the moment, I went with a random ipv6(correct format) to see if it responds as expected: 2001:db8:85a3::8a2e:370:7334
After updating ipv6 in Network> Global Configuration>Ipv6 Default Gateway I got a traceback saying network is unreachable which was expected(Refer screenshot: ipv6traceback.png)
but after navigating to some other tab and back to global configuration I was able to see the updated ipv6 default gateway(refer screenshot: ipv6default.png)
then in the shell, we tried the following commands(refer screenshot: ipv6shell.png for results):
1. netstat -rn
2. midclt call network.configuration.config
3. midclt call routes.sync

So this comment is just to update what all is testable as of now..., we were not 100% if the test passed/failed

#16 - 06/18/2018 11:11 AM - Dru Lavigne

- Status changed from Ready for Testing to Done

#17 - 06/20/2018 04:41 PM - Dru Lavigne

- Needs QA changed from Yes to No

Files

ipv6default.png	33.6 KB	06/18/2018	Rishabh Chauhan
ipv6shell.png	86.7 KB	06/18/2018	Rishabh Chauhan
ipv6traceback.png	156 KB	06/18/2018	Rishabh Chauhan